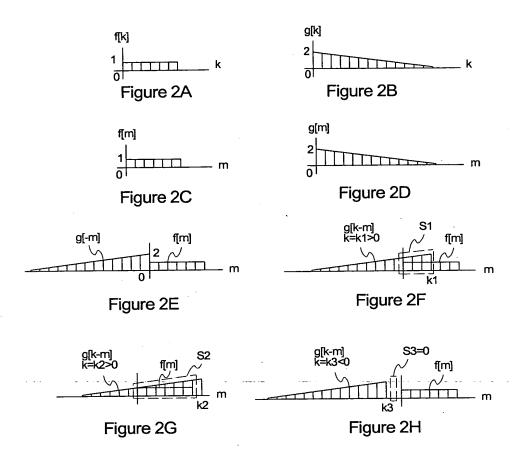


Figure

APPLN. FILING DATE: NOVEMBER 30, 2001
TITLE: SYNGLE-CHANNEL CONVOLUTION IN A
VECTOL OCESSING COMPUTER SYSTEM
INVENTOR(S): ALI SAZEGARI ET AL.
APPLICATION SERIAL NO: UNASSIGNED
SHEET 2 of 8



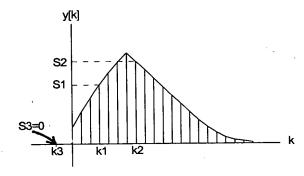


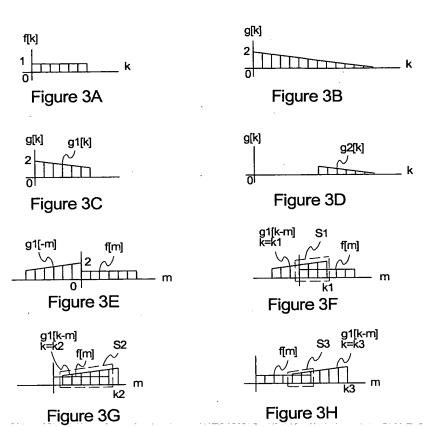
Figure 2I

APPLN. FILING DATE: NOVEMBER 30, 2001
TITLE: SING CHANNEL CONVOLUTION IN A
VECTOR PRESSING COMPUTER SYSTEM

INVENTOR(S): ALI SAZEGARI ET AL.

APPLICATION SERIAL NO: UNASSIGNED





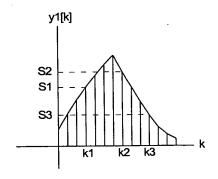


Figure 3I

APPLN. FILING DATE: NOVEMBER 30, 2001
TITLE: SIZELE-CHANNEL CONVOLUTION IN A CESSING COMPUTER SYSTEM

INVENTOR(S): ALI SAZEGARI ET AL. APPLICATION SERIAL NO: UNASSIGNED

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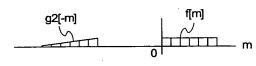


Figure 3J

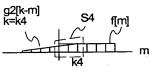


Figure 3K

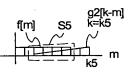


Figure 3L

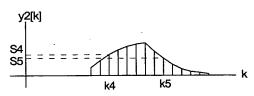


Figure 3M

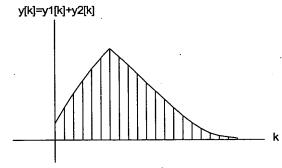


Figure 3N

APPLICATION SERIAL NO: UNASSIGNED SHEET 5 of 8 INVENTOR PROCESSING COMPUTER SYSTEM SPPLICATION IN A SPPLICATION SERIAL NO: UNASSIGNED SHEET 5 of 8 APPLICATION SERIAL NO: UNASSIGNED SHEET SH

Figure 5

		$\mathbb{Z}_{\mathbb{Z}}$				Z	S N		
+	+	+	+	+	+	+			
g[N-1]	g[N-1]	g[N-1]	g[N-1]	g[N-1]	g[N-2] + g[N-1] + g[N]	g[N-1] + g[N]			
+	+	+	+	+	+				
g[N-2]	g[N-2]	g[N-2]	g[N-2]	g[N-3] + g[N-2] + g[N-1] + g[N]	g[N-2]				
+	+	+	. +	+					
g[N-7] + g[N-6] + g[N-5] + g[N-4] + g[N-3] + g[N-2] + g[N-1] + g[N]	g[N-6] + g[N-5] + g[N-4] + g[N-3] + g[N-2] + g[N-1] + g[N]	g[N-5] + g[N-4] + g[N-3] + g[N-2] + g[N-1] + g[N]	g[N-4] + g[N-3] + g[N-2] + g[N-1] + g[N]	g[N-3]					-
+	+	+	+						
g[N-4]	g[N-4]	g[N-4]	g[N-4]			÷		-	,
+	+	+							
g[N-5]	g[N-5]	g[N-5]						*	÷
+	+								
[9-N]g	[9-N]g								
+									
[N-7]								0	•
\$1	H	II	11	H	11	H	11	. 11	•
y[N-1] =	Z		y[N+2] =	y[N+3] =	y[N+4] =	y[N+5] =	y[N+6] =	y[N+7] =	•

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					Column				
		1	2	3	4	5	9	7	8
	1	[0]g	g[1]	g[2]	g[3]	g[4]	[5]g	[6]g	g[7]
	2	[8]g	[6]g	g[10]	g[11]	g[12]	g[13]	g[14]	g[15]
	8	g[16]	g[17]	g[18]	g[19]	g[20]	g[21]	g[22]	g[23]
Row	4	g[24]	g[25]	g[26]	g[27]	g[28]	g[29]	g[30]	g[31]
	S	g[32]	g[33]	g[34]	g[35]	g[36]	g[37]	g[38]	g[39]
	9	g[40]	g[41]	g[42]	g[43]	g[44]	g[45]	g[46]	g[47]
	7	g[48]	g[49]	g[50]	g[51]	g[52]	g[53]	g[54]	g[55]
	∞	[95]g	g[57]	g[58]	[65]g	[60]g	g[61]	g[62]	g[63]

Figure 6A

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◆ INVENTOR SERIAL NO: UNASSIGNED APPLICATION SERIAL NO: UNASSIGNED

VECTOR PROCESSING COMPUTER SYSTEM TITLE: SINGLE-CHANNEL CONVOLUTION IN A PPPLN. FILING DATE: NOVEMBER 30, 2001

					Column				
		1	2	C	4	5	9	7	∞
	1	[0]g	g[8]	g[16]	g[24]	g[32]	g[40]	g[48]	g[56]
	7	g[1]	[6]g	g[17]	g[25]	g[33]	g[41]	g[49]	g[57]
	3	g[2]	g[10]	g[18]	g[26]	g[34]	g[42]	g[50]	g[58]
Row	4	g[3]	g[11]	g[19]	g[27]	g[35]	g[43]	g[51]	g[59]
	S	g[4]	g[12]	g[20]	g[28]	g[36]	g[44]	g[52]	[60]
	9	g[5]	g[13]	g[21]	[g[29]	g[37]	g[45]	g[53]	g[61]
	7	[9]g	g[14]	g[22]	g[30]	g[38]	g[46]	g[54]	g[62]
	∞	[7]g	g[15]	g[23]	g[31]	g[39]	g[47]	g[55]	g[63]

VABILICATION SERIAL NO: UNASSIGNED INVENTOR(S): ALI SAZEGARI ET AL. SHEET 8 of 8

VECTOR PROCESSING COMPUTER SYSTEM TITLE: SINGLE-CHANNEL CONVOLUTION IN A PPPLY. FILING DATE: NOVEMBER 30, 2001